	Application/Control No.	Applicant(s)/Patent Under Reexamination		
Index of Claims	10587185	HIRAKAWA ET AL.		
	Examiner	Art Unit		
	Dale S Moyer	4117		

Non-Elected

Appeal

Cancelled

Rejected

	Allowed		Res	Restricted		ا ل	Objected				
☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47											
CLAIM DATE											
Final	Original	02/25/2009									
	1	·									
	2	/									

U.S. Patent and Trademark Office Part of Paper No.: 20090225